



Description of Services Ordered and Certification Form 471

FCC Form 471

Application Information

Nickname	2019-2020 Network 471	Application Number	191022357
Funding Year	2019	Category of Service	Category 2

Billed Entity

NANTUCKET PUBLIC SCHOOL DIST
10 SURFSIDE RD NANTUCKET MA 02554 - 6052
508-228-7285
erichsenj@npsk.org

Contact Information

Jennifer Erichsen
508-228-7280
erichsenj@npsk.org

Billed Entity Number	120650
FCC Registration Number	0018671636
Applicant Type	School District

Holiday/Summer Contact Information same

Entity Information

School District Entity - Details

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	School District Attributes	Endowment
120650	NANTUCKET PUBLIC SCHOOL DIST	Rural	197 0000	01970000		Public School District	None

Related Entity Information

Related Child School Entity - Details

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
2441	NANTUCKET ELEMENTARY SCHOOL	Rural	0197 0000	01970005		None	Pre-K; Public School	None
2442	CYRUS PEIRCE JR HIGH SCHOOL	Rural	0197 0000	01970010		None	Public School	None
2443	NANTUCKET MIDDLE/ HIGH SCHOOL	Rural	0197 0000	01970505		None	Adult Education; Public School	None
17015967	NANTUCKET INTERMEDIATE SCHOOL	Rural				None	New Construction School; Public School	None

Related Child School Entity - Discount Rate Calculation Details

BEN	Name	Urban/ Rural	Number of Students	Students Count Based on Estimate	CEP Percentage
2441	NANTUCKET ELEMENTARY SCHOOL	Rural	434	N/A	
2442	CYRUS PEIRCE JR HIGH SCHOOL	Rural	375	N/A	
2443	NANTUCKET MIDDLE/HIGH SCHOOL	Rural	530	N/A	
17015967	NANTUCKET INTERMEDIATE SCHOOL	Rural	386	N/A	

Discount Rate

School District Enrollment	School District NSLP Count	School District NSLP Percentage	School District Urban/Rural Status	Category One Discount Rate	Category Two Discount Rate
1672	593	35.0%	Rural	70%	70%

[Funding Request for FRN #1999034962](#)

Funding Request Nickname: Network Improvements

Service Type: Internal Connections

Agreement Information - Contract

Contract Number	na	Account Number	na
Establishing FCC Form 470	190014388	Service Provider	CPU Sales and Service Inc. (SPN: 143029943)
Was an FCC Form 470 posted for the product and/or services you are requesting?	Yes	Based on State Master Contract?	Yes
Award Date	March 04, 2019	Based on a multiple award schedule?	No
How many bids were received for this contract?	3	Includes Voluntary Extensions?	No
What is the service start date?	July 01, 2019	Remaining Voluntary Extensions	
		Total Remaining Contract Length	
		What is the date your contract expires for the current term of the contract?	June 30, 2020

Document Name	Document Description
471NetworkAgreement.pdf	Signed and dated eRate proposal

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative

Upgrade and replace Wireless Access Points at Nantucket High School, Nantucket Middle School and Nantucket Elementary School. Add one POE switch at CPS. Add a fiber switch at the NIS MDF. 21 Wireless Access Points to replace 21 Wireless Access Points with Cisco AIR-CAP2701-A-K9 or latest comparable model. Appropriate licenses, if needed, for the Wireless Access Points. All proposed equipment must integrate seamlessly and completely into the existing network. Existing wiring will be used. Network configuration will remain identical. Update for Nantucket Intermediate School - State LEA ID is 01970000 State School ID is 1970020

Line Item # 1999034962.001

Product and Service Details

Type of Internal Connection	Data Distribution	Type of Product	Switch
Make	Aruba	Model	2930M 24G POE+ with Redundant Power Supply
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1999034962.001

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$2,575.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$2,575.00
Monthly Quantity	x 0	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$2,575.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$2,575.00
		Pre-Discout Extended Eligible Line Item Cost	= \$2,575.00

Recipients of Services

BEN	Name	Amount
17015967	NANTUCKET INTERMEDIATE SCHOOL	\$2,575.00

Line Item # 1999034962.002

Product and Service Details

Type of Internal Connection	Data Distribution	Type of Product	Switch
Make	Aruba	Model	HPE Aruba 3810M with Redundant Power Supply
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1999034962.002

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$10,105.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$10,105.00
Monthly Quantity	x 0	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$10,105.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$10,105.00
		Pre-Discout Extended Eligible Line Item Cost	= \$10,105.00

Recipients of Services

BEN	Name	Amount
17015967	NANTUCKET INTERMEDIATE SCHOOL	\$10,105.00

Line Item # 1999034962.003

Product and Service Details

Type of Internal Connection	Wireless Data Distribution	Type of Product	Access Point
Make	Cisco Systems	Model	Cisco Aironet 2802I
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1999034962.003

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 0
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$645.55
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$645.55
One-time Quantity	x 21
Total Eligible One-time Costs	= \$13,556.55
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$13,556.55
Pre-Discout Extended Eligible Line Item Cost	= \$13,556.55

Recipients of Services

BEN	Name	Amount
17015967	NANTUCKET INTERMEDIATE SCHOOL	\$13,556.55

Line Item # 1999034962.004

Product and Service Details

Type of Internal Connection	Miscellaneous	Type of Product	Installation, Activation, & Initial Configuration
Make	Other	Model	Installation Services
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1999034962.004

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$10,950.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$10,950.00
Monthly Quantity	x 0	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$10,950.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$10,950.00
		Pre-Discout Extended Eligible Line Item Cost	= \$10,950.00

Recipients of Services

BEN	Name	Amount
17015967	NANTUCKET INTERMEDIATE SCHOOL	\$10,950.00

Line Item # 1999034962.005

Product and Service Details

Type of Internal Connection	Transceiver	Type of Product	Transceiver
Make	Other	Model	IronLink SFP+ Transceiver module (equivalent to HP J9150D)
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1999034962.005

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$242.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$242.00
Monthly Quantity	x 0	One-time Quantity	x 2
Units	0	Total Eligible One-time Costs	= \$484.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$484.00
		Pre-Discout Extended Eligible Line Item Cost	= \$484.00

Recipients of Services

BEN	Name	Amount
17015967	NANTUCKET INTERMEDIATE SCHOOL	\$484.00

Line Item # 1999034962.006

Product and Service Details

Type of Internal Connection	Transceiver	Type of Product	Transceiver
Make	Other	Model	IronLink SFP+ Transceiver module (equivalent to HP J9151D)
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1999034962.006

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 0
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$399.00
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$399.00
One-time Quantity	x 10
Total Eligible One-time Costs	= \$3,990.00
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$3,990.00
Pre-Discout Extended Eligible Line Item Cost	= \$3,990.00

Recipients of Services

BEN	Name	Amount
17015967	NANTUCKET INTERMEDIATE SCHOOL	\$3,990.00

Line Item # 1999034962.007

Product and Service Details

Type of Internal Connection	Cabling/Connectors	Type of Product	Cabling
Make	Other	Model	C2G 3m LC-SC 9/125 Duplex Single Mode OS2 Fiber Cable
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1999034962.007

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$20.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$20.00
Monthly Quantity	x 0	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$20.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$20.00
		Pre-Discout Extended Eligible Line Item Cost	= \$20.00

Recipients of Services

BEN	Name	Amount
17015967	NANTUCKET INTERMEDIATE SCHOOL	\$20.00

Line Item # 1999034962.008

Product and Service Details

Type of Internal Connection	Cabling/Connectors	Type of Product	Cabling
Make	Tripplite	Model	10Gb Duplex Multimode 50/125 OM3 - LSZH Fiber Patch Cable 15M
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1999034962.008

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$31.25
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$31.25
Monthly Quantity	x 0	One-time Quantity	x 5
Units	0	Total Eligible One-time Costs	= \$156.25
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$156.25
		Pre-Discout Extended Eligible Line Item Cost	= \$156.25

Recipients of Services

BEN	Name	Amount
17015967	NANTUCKET INTERMEDIATE SCHOOL	\$156.25

Line Item # 1999034962.009

Product and Service Details

Type of Internal Connection	Cabling/Connectors	Type of Product	Cabling
Make	Other	Model	c2g 15M LC-SC 9/125 Duplex Single Mode OS2 Fiber Cable
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1999034962.009

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$29.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$29.00
Monthly Quantity	x 0	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$29.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$29.00
		Pre-Discout Extended Eligible Line Item Cost	= \$29.00

Recipients of Services

BEN	Name	Amount
17015967	NANTUCKET INTERMEDIATE SCHOOL	\$29.00

FRN Calculation for FRN #1999034962

Monthly Charges	
Total Monthly Recurring Charges	\$0.00
Total Monthly Ineligible Charges	- \$0.00
Total Monthly Eligible Charges	= \$0.00
Total Number of Months of Service	x 12
Total Eligible Pre-Discount Recurring Charges	= \$0.00

One-Time Charges	
Total One-Time Charges	\$41,865.80
Total Ineligible One-Time Charges	- \$0.00
Total Eligible Pre-Discount One-Time Charges	= \$41,865.80

Total Requested Amount	
Total Eligible Pre-Discount Recurring Charges	\$0.00
Total Eligible Pre-Discount One-Time Charges	+ \$41,865.80
Total Pre-Discount Charges	= \$41,865.80
Discount Rate	70%
Funding Commitment Request	= \$29,306.06

Certifications

I certify that the entities listed in this application are eligible for support because they are schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. §§ 7801(18) and (38), that do not operate as for-profit businesses and do not have endowments exceeding \$50 million.

I certify that the entity I represent or the entities listed on this application have secured access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity, necessary to use the services purchased effectively. I recognize that some of the aforementioned resources are not eligible for support. I certify that the entities I represent or the entities listed on this application have secured access to all of the resources to pay the discounted charges for eligible services from funds to which access has been secured in the current funding year. I certify that the Billed Entity will pay the non-discount portion of the cost of the goods and services to the service provider(s).

Total Funding Summary

Below is a summary of the total line item costs on this FCC Form 471:

Summary	
Total funding year pre-discount eligible amount on this FCC Form 471	\$41,865.80
Total funding commitment request amount on this FCC Form 471	\$29,306.06
Total applicant non-discount share of the eligible amount	\$12,559.74
Total budgeted amount allocated to resources not eligible for E-rate support	\$0.00
Total amount necessary for the applicant to pay the non-discount share of eligible and any ineligible amounts	\$12,559.74
Are you receiving any of the funds directly from a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year?	Yes
Has a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year assisted you in locating funds needed to pay your non-discounted share?	No

I certify an FCC Form 470 was posted and that any related RFP was made available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted were carefully considered and the most cost-effective service offering was selected, with price being the primary factor considered, and is the most cost-effective means of meeting educational needs and technology goals.

I certify that the entity responsible for selecting the service provider(s) has reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that the entity or entities listed on this application have complied with them.

I certify that the services the applicant purchases at discounts provided by 47 U.S.C. § 254 will be used primarily for educational purposes, see 47 C.F.R. § 54.500 and will not be sold, resold or transferred in consideration for money or any other thing of value, except as permitted by the Commission's rules at 47 C.F.R. § 54.513. Additionally, I certify that the entity or entities listed on this application have not received anything of value or a promise of anything of value, as prohibited by the Commission's rules at 47 C.F.R. § 54.503(d), other than services and equipment sought by means of this form, from the service provider, or any representative or agent thereof or any consultant in connection with this request for services.

I certify that I and the entity(ies) I represent have complied with all program rules and I acknowledge that failure to do so may result in denial of discount funding and/or cancellation of funding commitments. There are signed contracts or other legally binding agreements covering all of the services listed on this FCC Form 471 except for those services provided under non-contracted tariffed or month-to-month arrangements. I acknowledge that failure to comply with program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

I acknowledge that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the service, receive an appropriate share of benefits from those services.

I certify that I will retain required documents for a period of at least 10 years (or whatever retention period is required by the rules in effect at the time of this certification) after the later of the last day of the applicable funding year or the service delivery deadline for the associated funding request. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the application for, receipt of, and delivery of services receiving schools and libraries discounts, and that if audited, I will make such records available to USAC.

I certify that I am authorized to order telecommunications and other supported services for the eligible entity(ies) listed on this application. I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this application, that I have examined this request, that all of the information on this form is true and correct to the best of my knowledge, that the entities that are receiving discounts pursuant to this application have complied with the terms, conditions and purposes of the program, that no kickbacks were paid to anyone and that false statements on this form can be punished by fine or forfeiture under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001 and civil violations of the False Claims Act.

I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program. I will institute reasonable measures to be informed, and will notify USAC should I be informed or become aware that I or any of the entities listed on this application, or any person associated in any way with my entity and/or the entities listed on this application, is convicted of a criminal violation or held civilly liable for acts arising from their participation in the schools and libraries support mechanism.

I certify that if any of the Funding Requests on this FCC Form 471 are for discounts for products or services that contain both eligible and ineligible components, that I have allocated the eligible and ineligible components as required by the Commission's rules at 47 C.F.R. § 54.504.

Notice

Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to submit an application for such discounts by filing this Services Ordered and Certification Form (FCC Form 471) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the application requirements for universal service discounts contained in 47 C.F.R. § 54.504. Schools and libraries must file this form themselves or as part of a consortium. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving your application for universal service discounts is in the public interest. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application for universal service discounts may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, consistent with the Communications Act of 1934, FCC regulations and orders, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law, information provided in or submitted with this form or in response to subsequent inquiries may be disclosed to the public. If you owe a past due debt to the Federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized. If you do not provide the information we request on the form, the FCC or the Universal Service Administrator may delay processing of your application for universal service discounts or may return your application without action. The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq. Public reporting burden for this collection of information is estimated to average 4.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554. We also will accept your comments via the email if you send them to PRA@FCC.gov. DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

Authorized Person

Title:	Director of Technology	Name:	Jennifer Erichsen
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Certified Timestamp 10-Apr-2019 15:40:00 EDT